

INTERNATIONAL SEARCH REPORT

International application No.
PCT/SE 2004/001148

A. CLASSIFICATION OF SUBJECT MATTER

IPC7: B65B 67/12

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7: B65B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

SE,DK,FI,NO classes as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EPO-INTERNAL, WPI DATA, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 4457483 A (GAGNE), 3 July 1984 (03.07.1984), figures 6-13 --	1-10
Y	US 6296212 B1 (MONAHAN), 2 October 2001 (02.10.2001), figures 1-3e --	1-10
A	FR 2780029 A1 (MILIN MARCEL), 24 December 1999 (24.12.1999), figures 1-2 --	1-10
A	US 3936087 A (ALEXANDER), 3 February 1976 (03.02.1976), figures 1-5 --	1-10

☒ Further documents are listed in the continuation of Box C. ☒ See patent family annex.

* Special categories of cited documents:	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"A" document defining the general state of the art which is not considered to be of particular relevance	"X" document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"E" earlier application or patent but published on or after the international filing date	"Y" document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"&" document member of the same patent family
"O" document referring to an oral disclosure, use, exhibition or other means	
"P" document published prior to the international filing date but later than the priority date claimed	

Date of the actual completion of the international search 7 December 2004	Date of mailing of the international search report 07-12-2004
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International application No.

PCT/SE 2004/001148

C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 4749011 A (RYLANDER), 7 June 1988 (07.06.1988), figures 1-8 --	1-10
A	US 4760982 A (COOKE), 2 August 1988 (02.08.1988), figures 1-5 --	1-10
A	US 4955496 A (NELSON), 11 Sept 1990 (11.09.1990), figures 1-5 --	1-10
A	US 5716033 A (GIBSON), 10 February 1998 (10.02.1998), figures 1-7 --	1-10
A	US 6007030 A (JUDGE), 28 December 1999 (28.12.1999), figures 12-18 --	1-10
A	US 6520554 B2 (DITZIK), 18 February 2003 (18.02.2003), figures 1-3 -- -----	5

INTERNATIONAL SEARCH REPORT

Information on patent family members

30/10/2004

International application No.

PCT/SE 2004/001148

US	4457483	A	03/07/1984	NONE		
US	6296212	B1	02/10/2001	NONE		
FR	2780029	A1	24/12/1999	NONE		
US	3936087	A	03/02/1976	NONE		
US	4749011	A	07/06/1988	NONE		
US	4760982	A	02/08/1988	AU	1321188 A	22/09/1988
				GB	2202203 A	21/09/1988
				GB	8805841 D	00/00/0000
US	4955496	A	11/09/1990	NONE		
US	5716033	A	10/02/1998	CA	2205690 A	25/01/1998
US	6007030	A	28/12/1999	US	5897084 A	27/04/1999
US	6520554	B2	18/02/2003	US	20020038956 A	04/04/2002